Application No.: 10/005,054

Docket No.: TRAUMA 3.0-349

IN THE SPECIFICATION

[0022] A substance that releases silver ions or other ions with an antibacterial effect is applied to the implant surface for this purpose. This can be done in a matrix, usually a plastic, or also a ceramic (HA or—ICPTCP). The particles located on the surface continuously give off silver ions. Metal implants can be completely or partially provided with a surface coating that releases ions.